STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD 2009-2010 ANNUAL REPORT FOR STORM WATER DISCHARGES ASSOCIATED

WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 2009 through June 30, 2010

An Annual Report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. Retain a copy of the completed Annual Report for your records.

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers, and e-mail addresses of the Regional Board contacts, as well as the Regional Board Offices addresses are indicated below.

REGIONAL BOARD INFORMA

San Francisco Bay Region 1515 Clay Street, Ste.1400 Oakland, CA 94612

CALIFORNIA REGIONAL WATER 8 2010 JUL QUALITY CONTROL BOARD

Contact: Rico Duazo Tel: (510) 622-2340

Email: RDuazo@waterboards.ca.gov

GENERAL INFORMATION

A. Facility Information:

Cargill Inc Redwood City 295 Seaport Blvd Redwood City, CA 94063 WDID No: 2 411002742

Facility Contact: Sean Riley Email: sean_d_riley@cargill.com

Phone: 510-790-8625

SIC Code(s):

2899

Chemicals and Chemical Preparations, NEC

B. Facility Operator Information:

Cargill Inc 7220 Central Ave Newark, CA 94560

C. Facility Billing Information:

Carqill Inc 7220 Central Ave Newark, CA 94560 Operator Contact: Sean Riley

Email: Sean D Riley@cargill.com

Phone: 510-790-8625

Billing Contact: Sean Riley

Email: Sean D Riley@cargill.com

Phone: 510-790-8625

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D.	SA	MPLING A	ND ANALY	SIS EXEMPTIO	NS AND REDUC	TIONS				
	1.	For the reaccordar	eporting per nce with sec	iod, was your fa tions B.12 or 1	acility exempt fro 5 of the General	m collecting Permit?	and ana	lyzing s	amples from two storm even	ts in
		YI	ES Go	to Item D.2			X	NO	Go to Section E	
	2.	Indicate to	the reason he first page	your facility is e	xempt from colle	cting and ar if you check	nalyzing s boxes ii,	samples iii, iv, o	from two storm events. Atta	cha ·
		i. 🔲	Participati	ng in an Approv	ed Group Monito	oring Plan		Group	Name:	
		ii. 🔲	Submitted	l No Exposure	Certification (I	NEC)		Date S	ubmitted:	
			Re-evalua	ition Date:						
			Does faci	ity continue to s	satisfy NEC cond	ditions?		YEŞ	NO NO	
		iii.	Submitted	Sampling Re	duction Certific	ation (SRC	;)	Date S	submitted:	_
			Re-evalua	ition Date:						
			Does faci	ity continue to	satisfy SRC cond	ditions?		YES	□ NO	•
		iv	Received	Regional Board	d Certification		Certifica	tion Dat	e:	
		v	Received	Local Agency (Certification			Cetific	ation Date:	
	3.	if you cho	ecked boxe	s í or ili above, v	were you schedu	ıled to samp	ole one s	torm ev	ent during the reporting year?	
		Y	ES Go	to Section E				NO	Go to Section F	
	4.	If you che	ecked boxe	s ii, iv, or v, go t	to Section F.					
E.	SAM	IPLING AN	ND ANALYS	IS RESULTS						
	1.	How ma	ny storm ev	ents did you sa	mple? _	2		2.i or iii.	ttach explanation (if you che above, only attach explanation	
	2.				es from the first s (Section B.5 of t			on that	produced a discharge during	
		X	YES					NO,	attach explanation (Please no you do not sample the first storm e still required to sample 2 storm ev	vent, you ar
	3.	How ma	ny storm w	ater discharge I	ocations are at y	our facility?		1		

4.		each storm event sampled, did you collect and analyze a uple from each of the facilitys' storm water discharge locations?	X	YES, go to	Item E	E.6 NO
5.		s sample collection or analysis reduced in accordance Section B.7.d of the General Permit?		YES		NO, attach explanation
		ES*, attach documentation supporting your determination two or more drainage areas are substantially identical.	O.D.E.	a mma ciciades	EO	R ADDITIONAL DETAILS
	Date	e facility's drainage areas were last evaluated				TED WITH 1ST HOUR
6.	Wei	re all samples collected during the first hour of discharge?	X	YES		NO, attach explanation
7.		s <u>all</u> storm water sampling preceded by three (3) king days without a storm water discharge?	X	YES		NO, attach explanation
8.		re there any discharges of stormwater that had been porarily stored or contained? (such as from a pond)	. П	YES ·	X	NO, go to Item E.10
9.	conta	ou collect and analyze samples of temporanly stored or ained storm water discharges from two storm events? ne storm event if you checked item D.2.i or iii. above)		YES		NO, attach explanation
10.	Spec	ion B.5. of the General Permit requires you to analyze storm wa cific Conductance (SC), Total Organic Carbon (TOC) or Oil and orm water discharges in significant quantities, and analytical p	d Greas	e (O&G), otl	her pol	lutants likely to be present
	a.	Does Table D contain any additional parameters related to your facility's SIC code(s)?		YES	X	NO, Go to Item E.11
	b.	Did you analyze all storm water samples for the applicable parameters listed in Table D?		YES	·	NO
	C.	If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:				
		In prior sampling years, the parameter(s) have not consecutive sampling events. Attach explanation		etected in sig	gnifica	nt quantities from two
		The parameter(s) is not likely to be present in stom discharges in significant quantities based upon the	n water facility	discharges operator's e	and au valuati	thorized non-storm water on. Attach explanation
		Other. Attach explanation				
 For each storm event sampled, attach a copy of the laboratory analytical reports results using Form 1 or its equivalent. The following must be provided for each 						
	•	· · · · · · · · · · · · · · · · · · ·		g results.		•
	•	Name and title of sampler.		ethods used		•
	•	Parameters tested.		etection limit	S.	
	•	Name of analytical testing laboratory.		f testing.		
	•	Discharge location identification.	Copies	or the labor	atory a	analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1.	Secti	orized Non-Storm Water Discharges ion B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water harges and their sources.
	a.	Do authorized non-storm water discharges occur at your facility?
		YES NO Go to Item F.2
	b.	Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. Attach an explanation for any "NO" answers . Indicate "N/A" for quarters without any authorized non-storm water discharges.
		July -September YES NO N/A October-December YES NO N/A
		January-March YES NO N/A April-June YES NO N/A
	C.	Use Form 2 to report quarterly visual observations of authorized non-storm water discharges or provide the following information.
		 i. name of each authorized non-storm water discharge ii. date and time of observation iii. source and location of each authorized non-storm water discharge iv. characteristics of the discharge at its source and Impacted drainage area/discharge location v. name, title, and signature of observer vi. any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.
2.	Sect	uthorized Non-Storm Water Discharges ion B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the ence of unauthorized non-storm water discharges and their sources.
	a.	Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. Attach an explanation for any "NO" answers.
		July -September X YES NO October-December X YES NO
		January-March X YES NO April-June X YES NO
	b.	Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?
		YES NO Go to item F.2.d
	C.	Have each of the unauthorized non-storm water discharges been eliminated or permitted?
		YES NO Attach explanation
	d.	Use Form 3 to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.
		 i. name of each unauthorized non-storm water discharge. ii. date and time of observation. iii. source and location of each unauthorized non-storm water discharge. iv. characteristics of the discharge at its source and impacted drainage area/discharge location. v. name, title, and signature of observer. vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during

	t	the first	t hour of disc	harge or, in ti	he case of temp	orarily store	ed or conta	ained storm	water, at the	time of disch	arge.
	1	lo st di	cations. Atta torm events o	ach an expla occurred during I provide the	nthly visual obse nation for any ng scheduled far date, time, nam	"NO" ansv cility operat	vers. Incluing hours	ude in this o that did not	explanation what result in a sto	ether any eli im water	gible
		,	October	YES	NO		February		ES	NO	
		`	Octobel	x			rebluary	ا ل	C	لـــا	
			November	×		•	March		X		
		E	December	×			April		X		
		•	January	×			May		X		
	2	2. I	Report month	ly wet seaso	n visual observa	ations using	Form 4	or provide ti	he following in	formation.	
					ion of observation	оп	•				
				nd title of obs							
					e discharge (i.e., 3MPs necessary						
		,			ed BMP implem			. ponutants	in storm water	Gischarges.	
ANI	NUAL	. COM	PREHENSI	VE SHE CO	OMPLIANCE E	ZVALUATI	•	•		MYANA	
Н.	ACS	CE CH	<u>IECKLIST</u>				SI	EE ATTACI	HED EXPLANA	TIONS HI	
1 1.		<u> </u>	ILORGIOT				•				
	June shall minir	: 30). I be rev mum si	Evaluations ni rised and imp	nust be condi lemented, as iry to comple	quires the facility ucted within 8-1 s necessary, with te a ACSCE. In	6 months o hin 90 days	f each oth of the eva	er. The SV aluation. Ti	VPPP and mor	nitoring prog low includes	ram the
	1.		you inspecte ollowing area		I pollutant sources	es and ind	ustrial acti	vities areas	? X YES		МО
		• a	reas where s	pills and leak	s have occured	durina	• · buildi:	na renair r	emodeling, an	d constructio	'n
			ne last year.	p		_		rial storage		u 0011311110110	
		• 0	utdoor wash	and rinse are	eas.			-	nt storage area	as	
			rocess/manu	-			truck	parking and	d access areas	5	
			oading, unloa					p equipme			
			vaste storage	•				-	naintenance ar		
			lust/particulat rosion areas		areas.		non-s	torm water	discharge ger	nerating area	S
	2.	Have	VOLL reviewer	d vour SMPE	P to assure tha	t ite RMPs	addraee ei	vietina			
					industrial activit			Kidung	X YES	1	10
	3.	Have	vou inspecte	ed the entire t	facility to verify t	hat the SW	PPP's site	e map			
	•				te map items sh				X YES	!	ON

- storm water discharges locations
- outline of all storm water drainage areas
- storm water collection and conveyance system

areas impacted by run-on

facility boundaries

structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4.		re you reviewed all General Permit compliance record te the last annual evaluation?	ds ger	erated		X YES		NO
	The	following records should be reviewed:						
	•	quarterly authorized non-storm water discharge visual observations monthly storm water discharge visual observation records of spills/leaks and associated clean-up/response activities	•	quarterly u water disch Sampling a preventativ and mainte	narge vis and Anal re mainte	sual observ ysis record enance ins	ations Is	1
5.		ve you reviewed the major elements of the SWPPP to appliance with the General Permit?	o assu	ire -		¥ YES		NO
	The	following SWPPP items should be reviewed:						
6.	• •	pollution prevention team list of significant materials description of potential pollutant sources we you reviewed your SWPPP to assure that a) the E	· · · ·	implement are adequate	on and d ed for ea	lescription	of the i	eurces BMPs to be utant source
		educing or preventing pollutants in storm water disch n-storm water discharges, and b) the BMPs are being			ized	X YES		Пио
	The	e following BMP categories should be reviewed:						
	•	good housekeeping practices spill response employee training erosion control quality assurance	•	preventat material h waste hai structural	nandling ndling/sto	and storag	je prac	tices
7.		s all material handling equipment and equipment neo element the SWPPP been inspected?	eded t	o		X YES		NO
ACS	CE I	EVALUATION REPORT				•		
The	facil	ity operator is required to provide an evaluation repo	ort that	includes:				
	the d	tification of personnel performing the evaluation date(s) of the evaluation essary SWPPP revisions	•		ents of no	ementing S on-complia		revisions ad the corrective
Use	For	m 5 to report the results of your evaluation or develo	op an o	equivalent fo	om.			
<u>ACS</u>	SÇE	CERTIFICATION						
		ity operator is required to certify compliance with the ompliance, both the SWPPP and Monitoring Prograr						
		pon your ACSCE, do you certify compliance with the storm Water General Permit?	e Indu:	strial	× YE	:S		NO
		swered "NO" attach an explanation to the ACSCE			t why yo	u are not i	า	

I.

J.

ATTACHMENT SUMMARY

	Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.											
1.	Have you attached Forms 1,2,3,4, and 5 or their equivalent?	X	YES	(Mandatory)	,							
2.	If you conducted sampling and analysis, have you attached the laboratory analytical reports?	X	YES	NO		NA						
3.	If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications?		YES	□ NO	X	NA						
4.	Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J?	X	YES	NO .		NA						
Α	NNUAL REPORT CERTIFICATION											
PI W Pi W Si kr	am duly authorized to sign reports required by the INDUSTRIAL ERMIT (see Standard Provision C.9) and I certify under penalty ere prepared under my direction or supervision in accordance wersonnel properly gather and evaluate the information submitted to manage the system, or those person directly responsible for ubmitted is, to the best of my knowledge and belief, true, accurate gnificant penalties for submitting false information, including the nowing violations. On belief of Carpill rinted Name:	of law ith a s Base gather te and	that the the thick the thick the	this document and designed to end my inquiry of the information, the left. I am awar	nd all attach sure that que e person or ne information re that there	iments ialified persons on are						
s	ignature:		,	Da <u>te: (</u>	3/29/17	ン						
T	Environmental Manager				. , –							

SIDE A

FORM 1-SAMPLING & ANALYSIS RESULTS

SEE ATTACHED EXPLANATIONS H1

FIRST STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
 If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.

 Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): Danis Lai	TITLE: Supervisor	SIGNATURE:
•		

		·					ALYTICAL For First St					
DESCRIBE DISCHARGE	DATE/TIME OF SAMPLE	TIME DISCHARGE	BASIC PARAMETERS					OTHER PARAMETERS				
LOCATION Example: NW Out Fall	COLLECTION	STARTED	pН	TSS	sc	0&G	TOC					
Redwood City	<u>1/18/10</u> ⊠ AM 9:00 □ PM	E AM 8:30 □ PM	. 5.34 See Attached	10	60	See Attached						
	☐ AM	AM PM	The state of the s									
	ĀM	☐ AM ——☐ PM										
	AM PM	AM		··-·			ب			-		
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l					
TEST METHOD DE	0.100	10	10	·								
TEST METHOD US	9040B	2540D	120.1									
ANALYZED BY (SE			LAB	LAB	LAB					,		

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

SIDE B

FORM 1-SAMPLING & ANALYSIS RESULTS

SEE ATTACHED EXPLANATIONS H1

SECOND STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05) If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), Indicate "PA" in the appropriate test method used box.
 Make additional copies of this form as necessary.

NAME OF PERSON COL	LECTING SAMPLE(S	S): Danis Lal		TITLE: Supervisor SIGNATURE:								_
			ANALYTICAL RESULTS For First Storm Event									
DESCRIBE DISCHARGE LOCATION	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED		BAS	IC PARAMET	ERS		OTHER PARAMETERS				
Example: NW Out Fall	COLLECTION	JIANIED	pН	TSS	sc	O&G	тос					
Redwood City	4/21/10 ☑ AM 11:00 □ PM	☑ AM 3:00 □ PM	5.85 See Attachec	17	-100	See Attached						
	AM PM	AM PM										
	AM	AM PM										
	AM	AM PM					•					
TEST REPORTING	UNITS:		pH Units	mg/l	umho/cm	mg/l	mg/i					,
TEST METHOD DE		0.100	10	10								
TEST METHOD US	9040B	2540D	2510B							ļ		
			LAB	LAB	LAB				· · · · · · · · · · · · · · · · · · ·	1	-	T

ANALYZED BY (SELF/LAB): TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

THERE ARE NO AUTHORIZED NON-STORMWATER DISCHARGES AT THIS LOCATION.

SIDE A

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF <u>AUTHORIZED</u> NON-STORM WATER DISCHARGES (NSWDs)

- Quarterly dry weather visual observations are required of each authorized NSWD. Observe each authorized NSWD source, impacted drainage area, and discharge location.
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6), of the General Permit.
- Make additional copies of this form as necessary.

QUARTER: JULY-SEPT. DATE:	Observers Name:	WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? NO Teverse side this form.	olete of
QUARTER: OCTDEC. DATE:	Observers Name:	WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? NO His form.	
QUARTER: JANMARCH DATE:	Observers Name:	WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? NO this form.	
QUARTER: APRIL-JUNE DATE:	Observers Name: Title: Signature:	WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? NO this form.	

SIDE B

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF <u>AUTHORIZED</u> NON-STORM WATER DISCHARGES (NSWDs)

DATE /TIME OF OBSERVATION	SOURCE AND LOCATION OF AUTHORIZED NSWD	NAME OF AUTHORIZED NSWD	CHARA Indicate whether authori discolored, causing stair	ITHORIZED NSWD CTERISTICS ted NSWD is clear, cloudy, or ning, contains floating objects an, has odors, etc.	DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
	EXAMPLE: Air conditioner Units on Building C	EXAMPLE: Air conditioner condensate	At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
					
AM PM					
AM PM					

SIDE A

FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.

 Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.

- Quarterly visual observations are required during dry weather and at all facility drainage areas.

 Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.

 Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A,10.e of the General Permit.
- Make additional copies of this form as necessary.

QUARTER: JULY-SEPT. DATE/TIME OF OBSERVATIONS 9/12/09 13:10 AM F PM	Observers Name: Danis Lal Title: Supervisor Signature:	WERE UNAUTHORIZED NSWDs OBSERVED? WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?	□YES KNO	If YES to either question, complete reverse side.
QUARTER: OCTDEC. DATE/TIME OF OBSERVATIONS 12/17/09 13:00 PM	Observers Name: Danis Lai Title: Supervisor Signature:	WERE UNAUTHORIZED NSWDs OBSERVED? WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?	□YES 図NO	If YES to either question, complete reverse side.
QUARTER: JANMARCH DATE/TIME OF OBSERVATIONS X AM 3/10/10 9:00 PM	Observers Name: Danis Lal Title: Supervisor Signature:	WERE UNAUTHORIZED NSWDs OBSERVED? WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?	□YES ☑NO	If YES to either question, complete reverse side.
QUARTER: APRILJUNE DATE/TIME OF OBSERVATIONS KAM 6/8/10 11:00 PM	Observers Name: Danis Lal Title: Supervisor Signature:	WERE UNAUTHORIZED NSWDs OBSERVED? WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs?	☐YES ☑NO	If YES to either question, complete reverse side.

SIDE B

FORM 3 QUARTERLY VISUAL OBSERVATIONS OF <u>UNAUTHORIZED</u> NON-STORM WATER DISCHARGES (NSWDs)

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD	SOURCE AND LOCATION OF UNAUTHORIZED NSWD	Indicate whether unauthorized discolored, causing stains; continued in the	TERISTICS zed NSWD is clear, cloudy, ontains floating objects or an il	DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
	Vehicle Wash Water	NW Corner of Parking Lot	AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	NOWD ELIMINATION DATE.
<u></u>					
AM PM					
AM					
AM					
AM					

2009-2010 **ANNUAL REPORT** FORM 4-MONTHLY VISUAL OBSERVATIONS OF

SIDE A

STORM WATER DISCHARGES

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.

 Visual observations must be conducted during the first hour of discharge at all discharge locations.

 Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.

 Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

		#1		#2		#3		#4	
Observation Date: October 13 2009	Drainage Location Description	SEE			ACHED)RM		
Observers Name: Danis Lal			□ P.M. □ A.M.		□P.M. □A.M.		□ P.M. □ A.M.		□P.M. □A.M.
Title: Supervisor	Observation Time		P.M.		□P.M.		P.M.	_	P.M.
Signature:	Time Discharge Began Were Pollutants Observed (If yes, complete reverse side)	YES NO	DA.M.	YES 🗀	∏A.M. NO □	YES 🗍	A.M NO	YES 🗆	
Observation Date: November 18 2009	Drainage Location Description	#1 SEE		#2 ATT/	/CHED	#3 F0	DRM	#4	
Observers Name: Danis Lal	Observation Time		□ P.M.		[]P.M. []A.M.		□ P.M. □ A.M.		□P.M. □A.M.
Title: Supervisor			□P.M. □A.M.		P.M.		□P.M. □A.M.		□P.M.
Signature:	Time Discharge Began Were Pollutants Observed (If yes, complete reverse side)	YES NO	□ □	YES 🗀	NO 🗆	YES 🗆	NO [YES 🗆	NO 🗍
Observation Date: December 7 2009	Drainage Location Description	#1 SEE		#2 ATT.	ACHED	#3 F()RM	#4	
Observation Date: December 7 2009 Observers Name: Danis Lal		1 " "	□ P.M. □ A.M.	1	ACHED	1	DRM □ P.M. □ A.M.	#4	□P.M. □A.M.
	Observation Time	1 " "	□ P.M. □ A.M. □ P.M.	1	□P.M. □A.M.	1	□ P.M. □ A.M. □ P.M.	#4	A.M.
Observers Name: Danis Lal Title: Supervisor Signature:		SEE	□ P.M. □ A.M.	1	□ P.M. □ A.M.	1	□ P.M. □ A.M.	#4 YES [A.M.
Observers Name: Danis Lal Title: Supervisor Signature: 17,18 Observation Date: January 2010	Observation Time Time Discharge Began Were Pollulants Observed	SEE	□ P.M. □ A.M. □ P.M. □ A.M.	ATT/	□P.M. □A.M. □P.M. □A.M.	YES	□ P.M. □ A.M. □ P.M. □ A.M.		
Observers Name: Danis Lal Title: Supervisor Signature: 17,18	Observation Time Time Discharge Began Were Pollulants Observed (If yes, complete reverse side) Drainage Location Description	SEE YES NO	□ P.M. □ A.M. □ P.M. □ A.M.	ATT/	□ P.M. □ A.M. □ P.M. □ A.M. NO □	YES	□ P.M. □ A.M. □ P.M. □ A.M. NO □	YES 🗆	
Observers Name: Danis Lal Title: Supervisor Signature: 17,18 Observation Date: January 2010	Observation Time Time Discharge Began Were Pollulants Observed (If yes, complete reverse side)	SEE YES NO	□ P.M. □ A.M. □ P.M. □ A.M. Ο □	ATT/	P.M. A.M. P.M. A.M. NO ACHED	YES	P.M.	YES 🗆	

FORM 4-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
	EXAMPLE: Discharge from material storage Area #2	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
AM	:			:
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2009-2010 ANNUAL REPORT FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF

SIDE A

STORM WATER DISCHARGES

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
 Visual observations must be conducted during the first hour of discharge at all discharge locations.
 Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
 Make additional copies of this form as necessary.
 Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

Observation Date: February <u>26</u> 2010	Drainage Location Description	#1 SEE	#2 ATTACHED	#3 FORM	#4
Observers Name: Danis Lal	Observation Time	□ P.M.	□ P.M.	□ P.M.	□ P.M. □ A.M.
Title: Supervisor	Time Discharge Began	□P.M. □A.M.	□ P.M. □ A.M.	□ P.M. □ A.M.	□ P.M. □ A.M.
Signature:	Were Pollutants Observed (If yes, complete reverse side)	YES NO	YES NO	YES NO D	YES NO
Observation Date: March 30 2010	Drainage Location Description	#1 SEE	#2 ATTACHED	#3 FORM	#4
Observers Name: Danis Lal	O	□ P.M. □ A.M.	□ P.M. □ A.M.	☐ P.M. ☐ A.M.	□ P.M. □ A.M.
Tille: Supervisor	Observation Time Time Discharge Began	☐P.M.	□ P.M.	□ P.M.	□ P.M.
Signature:	Were Pollutants Observed (If yes, complete reverse side)	YES NO	YES NO D	YES NO	YES NO
Observation Date: April 20 2010	Oralnage Location Description	#1 SEE	#2 ATTACHED	#3 FORM	#4
Observers Name Danis Lal	Observation Time	□ P.M. □ A.M.	□ P.M.	□ P.M. □ A.M.	□ P.M. □ A.M.
Title: Supervisor	Time Discharge Began	□P.M. □A.M.	□ P.M.	□ P.M. □ A.M.	□ P.M. □ A.M.
Signature:	Were Pollulants Observed (If yes, complete reverse side)	YES NO	YES NO	YES 🗌 NO 🗆	YES NO
Observation Date: May 31 2010	Drainage Location Description	#1 SEE	#2 ATTACHED	#3 FORM	#4
Observers Name: Danis Lal	Observation Time	□ P.M. □ A.M.	□ P.M. □ A.M.	□ P.M. □ A.M.	□ P.M. □ A.M.
Title: Supervisor	Time Discharge Began	□P.M. □A.M.	□ P.M. □ A.M.	□ P.M. □ A.M.	□ P.M. □ A.M.
Signature:	Were Pollutants Observed (If yes, complete reverse side)	YES NO	YES NO	YES NO D	YES NO .

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

SIDE B

DATE/TIME OF OBSERVATION	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
(From Reverse Side)		Indicate whether storm water discharge is clear,		
	EXAMPLE: Discharge from material storage Area #2	cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance	
4			area.	
AM PM				
AM				
				
AM				
AM				

SEE ATTACHED ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION FORM

SIDE A

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 6/16/10 INS	PECTOR NAME: Sean Riley &	Danis L	al TITLE	Env Manager & Supervisor SIGN	ATURE:
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) RWC Dock	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? ARE ADDITIONAL/REVISED BMPs NECESSARY?	□YES ☑YES	if yes, to either question, complete the next two columns of this form	Describe deliciencles in BMPs or BMP implementation	Describe additions/revised BMPs or corrective actions and their date(s) of implementation
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	□YES □NO	If yes, to either question, complete the next two columns of this form	Describe deliciencies in BMPs or BMP Implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	□YES □NO			,
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	□YES □NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
3	ARE ADDITIONAL/REVISED BMPs NECESSARY?	□YES □NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	□YES □NO	If yes, to either question, complete the next two columns of this farm	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	□YES □NO			

FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

SIDE B

VALUATION DATE: INS	ECTOR NAME.		IIILE: _	SIGNA	TURE:
POTENTIAL POLLUTANT SOURCEINDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	□YES □NO	If yes, to either question, complete the next two columns of this	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	∐YES ∐NO	form		
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	∐YES ∏NO	If yes, to either question, complete the next two columns of this	Describe deficiencies in BMPs or BMP implementation	Describe additions/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	□YES □NO	form		
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	□YES □NO	If yes, to either question, complete the next two	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	□YES □NO	columns of this form		
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	∏YES ∏NO	If yes, to either question, complete the next two columns of this	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	□YES □NO	form		
			ž		

Attachment to Annual Report

Explanations for Questions in Annual Report Questionnaire

2009 – 2010 Season (July 1, 2009 – June 30, 2010)

Cargill Salt – Redwood City

Prepared by: Dana Johnston and Sean Riley

Company: Crawford Consulting, Inc. & Cargill Inc.

Item E.6. Justification that samples began collection during the first hour of discharge

The storm event in April 2010 that produced storm water discharge began within the first hour, but took longer than one hour to fill the sample containers. Prior to the next storm water season, modifications will be done to the storm water collection system to collect additional storm water.

Item E.10. Explanation for not conducting Oil and Grease (O&G) analyses

For both the January 18, 2010 and April 21, 2010 storm water sampling events, samples were collected and submitted for laboratory analysis of Total Suspended Solids (TSS), Oil and Grease (O&G), Specific Conductance (EC), and pH. However, the laboratory was unable to report the results for O&G for both events. On January 18, 2010 samples, the laboratory reported that there was a system failure during the automated extraction process for the O&G analysis, and the sample was lost. On April 21, 2010, the remaining sample collected was less than 250ml instead of 1L needed to run O&G analysis. In addition, a 250ml (partially filled) preserved bottle was used with nitric acid (as used for metals analysis), and the laboratory did not log the sample bottle for analysis of O&G. Prior to the next storm water season, modifications will be done to the storm water collection system to collect additional storm water.

Item H.1. Explanation for low pH readings

The low pH readings are a result of bird droppings on various platforms, decks, and other structures. See storm water observations for additional information.

NON-STORM WATER DISCHARGE VISUAL OBSERVATION

Visual observations for the presence of unauthorized non-storm water discharges are required quarterly, during daylight hours, on days with no storm water discharges, and during scheduled facility operating hours. Quarterly observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Observations shall occur within 6-18 weeks of each other.

Non-Storm Water Discharge Observed

Indications of Prior Non-Storm Water If either of the above is yes (leave blank	r Discharge Yes No	
Discharge Location Deboools Cfry	Discharge Characteristics Stains Sludges Odor Other: AIDNE	Source of Discharge COHECTION DOCK A-f HIR RWC DOCK
Comments/Corrective Action Taken: CON Off. Inspector's Name Signature And Language And Language And Language Inspector's Name And Language Inspector's Name Inspecto	After the second of the second	COMPLETELY Shy FreeDF = Spervices = 9/12/09 Time 1310 am/fin

Non-Storm Water Discharge Observed

Indications of Prior Non-Storm Water Discharge

NON-STORM WATER DISCHARGE VISUAL OBSERVATION

Visual observations for the presence of unauthorized non-storm water discharges are required quarterly, during daylight hours, on days with no storm water discharges, and during scheduled facility operating hours. Quarterly observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Observations shall occur within 6-18 weeks of each other.

Discharge Location	Discharge Characteristics	. Source of Discharge
Ruc	Stains Sludges Odor Other:	laising bucks at for book
Comments/Corrective Action Tal	xen:	
Inspector's Name	<i>y</i>	Title: Supervisor Date: 15/17/09 Time 13:00+65 am/pm

NON-STORM WATER DISCHARGE VISUAL OBSERVATION

Visual observations for the presence of unauthorized non-storm water discharges are required quarterly, during daylight hours, on days with no storm water discharges, and during scheduled facility operating hours. Quarterly observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Observations shall occur within 6-18 weeks of each other.

Non-Storm Water Discharge Observed

Discharge Location	Discharge Characteristics .	Source of Discharge
Reduced Lity Back	Stains Sludges NONE Odor Other:	bat a laketing Durk.
Comments/Corrective Action Taken: Signature Comments/Corrective Action Taken: AND	Title:	9

NON-STORM WATER DISCHARGE VISUAL OBSERVATION

Visual observations for the presence of unauthorized non-storm water discharges are required quarterly, during daylight hours, on days with no storm water discharges, and during scheduled facility operating hours. Quarterly observations shall be conducted in each of the following periods: January-March, April-June, July-September, and October-December. Observations shall occur within 6-18 weeks of each other.

Non-Storm Water Discharge Observed

Indications of Prior Non-Storm Water Discharge

Yes No

If either of the above is yes (leave blank if no non-storm water discharge observed):

Discharge Location	Discharge Characteristics	Source of Discharge
Redwood City	Stains	Collection Ducts
Dock	Sludges	at five Docker.
رح الم	Odor	
	Other: alam, custer challs + bird dropping anducts.	

Comments/Corrective Action Taken: <u>Cleancel Collection</u>	Doct with Freshwater,
washed of excess shills & bird droppings	3
Inspector's Name Danis La	Title: Species
Signature Quant	Date: (0/8/10 Time 1100 am/pm

Describe Discharge:

Approximate time storm water discharge began: (200) am/pm
Approximate amount of discharge < 5 gallons

Describe Discharge Source:

Wet weather observations are required to be done during the first hour of discharge during a storm event preceded by at least 3 working days without storm water discharge. Observations are required for each month from October through May.

Within 1st hr of discharge ____ (yes(no))
Proceeded by 3 dry days ____ (yes/no)

Location:

Observations:

	(Circle all that apply)	Ü	
0	Floating Material	Stormwater	REDWOOD CARY
RESUDDS	Suspended Material	 	Collections
4-117	Odors		DUCIS.
	Oil/Grease Sheen		
	Discolorations		
	Cloudiness		
Comments/corrective actions tak	en: Enough 1190is for	suppling but S	form occurse &
- 10010 - 10010 T		S/11/1 3 20 1/0 20	mp is and junctif.
Inspector's name Ocipio	LAT	Title Supervises	•
Signature Qui	X	Date 10/13/09 T	ime <u>0730</u> am .

Within 1 st hr of discharge Proceeded by 3 dry days		Approximate time storm water di Approximate amount of discharge	
Location: Research City	Observations: (Circle all that apply) Floating Material Suspended Material Odors Oil/Grease Sheen Discolorations	Describe Discharge:	Describe Discharge Source: Lancop Cinu Colle Horr Duts
	Cloudiness		
Comments/corrective actions take Presented 3	en: ADT GAOUTH WATS	r to collect a san	mpla. @ lany sai
Inspector's name Sanis Lat Signature Auto	<i></i>	Title Expenser Date 11/13/09 T	ime_/ <i>HOHIS</i> _

Wet weather observations are required to be done during the first hour of discharge during a storm event preceded by at least 3 working days without storm water discharge. Observations are required for each month from October through May. Approximate time storm water discharge began://occu/pm
Approximate amount of discharge / . 5 gallons Within 1st hr of discharge (ves/no) (yes/no) Proceeded by 3 dry days Describe Discharge Source: Observations: .. Describe Discharge: Location: (Circle all that apply) Floating Material Suspended Material RAIN Odors Oil/Grease Sheen Discolorations Cloudiness Inspector's name Time Signature

working days without sto	is are required to be done during the fir form water discharge. Observations are		tober through May.
Proceeded by 3 d	ischarge (ves b) ry days (ves no)	Approximate amount of disc	
Location:	Observations: (Circle all that apply)	Describe Discharge:	Describe Discharge Source:
Ruse	Floating Material		fux Concerns
pw-	Suspended Material	RAPN USATET	diets.
	Odors		
	Oil/Grease Sheen		
	Discolorations		
	Cloudiness		
Comments/corrective ac	tions taken: Began work o	+ Hotor placed.	the adjection
Brown occured by	ut Not enach water	collected at mid	rue fora samply.
Inspector's name		Title Legeroca	
Signature A	wh.	Date 1/12/10	Time 06/5 AM -
,			

Within 1 st hr of disci Proceeded by 3 dry		Approximate time storm water Approximate amount of discha	discharge began: 730 m/pm gallons
Location:	Observations: (Circle all that apply)	Describe Discharge:	Describe Discharge Source:
Ruse	Floating Material Suspended Material	Stoom WADA	Rwc Collecting Surt.
	Odors	·	Siet.
	Oil/Grease Sheen		
	Discolorations		·
	Cloudiness		
Comments/corrective action	ıs taken: Stern Ugan	at appx. 8:30 ans.	, STORM PAS PRESENCED
hy 3 dry	ola you	•	
Inspector's name Signature	TIN LA		Time 0900

Within 1 st hr of discharge Proceeded by 3 dry days	yes/no)	Approximate time storm water dis Approximate amount of discharge	
Location:	Observations: (Circle all that apply)/ Floating Material	Describe Discharge:	Describe Discharge Source:
for bak	Suspended Material Odors Oil/Grease/Sheen Discolorations Cloudiness	Stown reafer	lawhug Duss
Comments/corrective actions tak HAC EWO OF SHAT Inspector's name Alaka	en: Unable to collect I, a no way to	trousport the San Title fire Supe	Αγ(0).

Within 1st hr of discharg Proceeded by 3 dry days	e 10 (yes/no)	Approximate time storm water Approximate amount of dischar	discharge began: 0520 (am/pm rge gallons
Location:	Observations: (Circle all that apply)	Describe Discharge:	Describe Discharge Source:
Reclimood City Dock	Floating Material Suspended Material Odors Oil/Grease Sheen Discolorations Cloudiness	RAPA WORKT	Rue Collecting Ducts
Comments/corrective actions of the Complete Comp	e l'will forward	14 today, but not 2011ected Sample Title Supervise Date 3/20/10	SOF

Within 1 ⁵¹ hr of discharge Proceeded by 3 dry days	e (yes/fix) (Yes/no)	Approximate time storm water dis Approximate amount of discharge	
Location:	Observations: (Circle all that apply)	Describe Discharge:	Describe Discharge Source:
Ledwood Cary	Floating Material Suspended Material Odors Oil/Grease Sheen Discolorations Cloudiness	(over two consecution	Readows CTM E COMELTION DUCTS **END MUNICIPS ARAT READOWN DUCT like, PIGCON, Saguits, relicans, backs, etc. On DOLK Floor observed Many piro Droppings, + broken olister challs.
Comments/corrective actions tal	cen: Placed bucketa	f collection point and	1240, but collected sample
at 1100 HAS CL 4/21/10	· Culy collected 1/2 1	bucket CAMProx. 14 9all	104). Sent sample at 1100 hrs.
Inspector's name Sants Signature Odu	A	Title <u>Septentison</u> Date <u>9/20/10</u> 1	ime_100C HRS

Within 1 st hr of disch Proceeded by 3 dry d		Approximate time storm water Approximate amount of discha	discharge began:am/pm-no ange gallons nonc	
Location:	Observations: none (Circle all that apply)	Describe Discharge:	Describe Discharge Source:	
Kedwood City Suspe	Floating Material Suspended Material	No Discharged Observed	Ruc Collection Ducts	
	Odors			
	Oil/Grease Sheen			
	Discolorations			
	Cloudiness			
Comments/corrective action	ns taken: NC Kain in +	Removed of May of	her thun scatteria	
Inspector's name \(\sum_{\alpha\columnist} \alpha\columnist} \)		Title		
Signature Xauti		Date 5-31-10 Time 1100 AM		

Annual Comprehensive Site Compliance Evaluation Evaluation Date: Review monitoring reports -V inspection records 1. 2. Visually inspect all potential pollutant sources and spill response equipment (list below): Inspected Area/Location Evidence of/Potential for Pollutants Dock is used raisely and various birds Redwood City on dock inearby. 3. Review and evaluate existing BMPs: Are any SWPPP revisions necessary: - Extend PVC Piping to collect more Storm Water at Collection point #2. Have there been any incidents of non-compliance, and if so, what corrective actions have been taken: None Evaluated By: Evaluated By: Evaluated By: Evaluated By: Signature "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."